

MINIATURE CHECK VALVES LTD

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PRODUCT **IN LINE CHECK VALVE**
PART NUMBER **12110**

Product Features

- Low cracking pressure for easy use in most applications
- Standard and non-metallic versions for assured chemical compatibility

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COMPANY NUMBER 12867736 | VAT NUMBER GB357540388

Technical Information

Connectivity, both sides	UNF	¼-28
Material		PEEK
Total Pressure rating	Bar	30
Nominal flow of air with the pressure drop across the valve of 1 bar	nL/min	10
Nominal flow of water with the pressure drop across the valve of 1 bar	L/min	0.3
Spring material options		316 SS C22 C276
Cracking Pressure options	Bar	0.1 0.2 0.5 1 2
Seal options		EPDM FKM VMQ FFKM
Operating temperature range, FKM	C	-20C to 150C

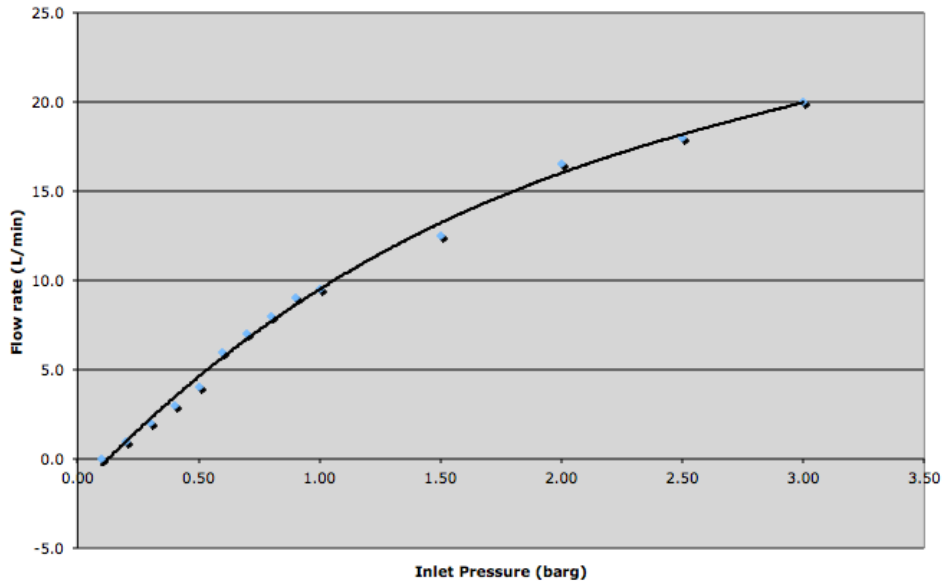
Recommended fittings from IDEX

Fitting (P-331, 1/4-28 Peek Nut for 1/8" tubing)	Peek
Ferrule (P-359-Tefzel ferrule for 1/8 tubing)	Tefzel
Fitting (LT-115, 1/4-28 Peek Nut for 1/16" tubing)	Peek
Ferrule (P-248-Tefzel ferrule for 1/16 tubing)	Tefzel
Fitting (P-331, 1/4-28 Peek Nut for 2mm tubing)	Peek
Ferrule (P-355-KEL-F ferrule for 2mm tubing)	Kel-F

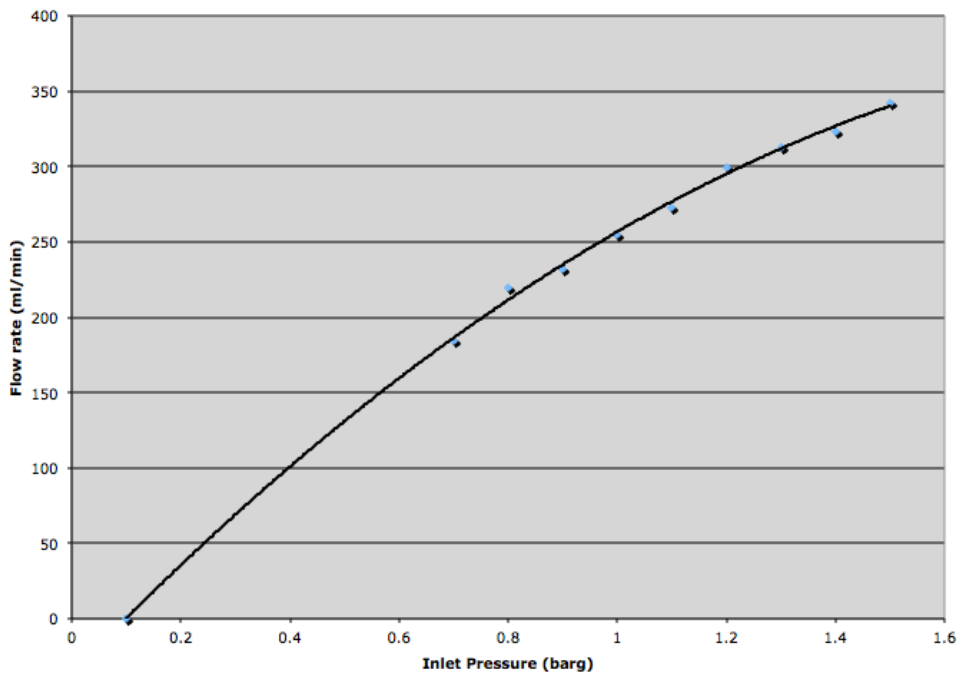
For Example Part Number = 12110-PEEK/PEEK-316-0.1BARG-FKM

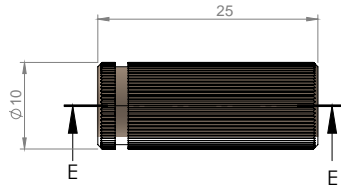
(standard configuration is with 316 Stainless Steel Springs, Cracking Pressure of 0.1 Bar, FFKM Seal)

**CHECK VALVE PERFORMANCE DATA - 12110 [4mm]
AIR FLOW DATA AT 20C, CRACKING PRESSURE = 0.1 BARG**

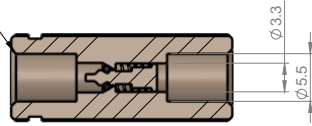


**CHECK VALVE PERFORMANCE DATA - 12110 (4mm)
WATER FLOW DATA AT 20C, CRACKING PRESSURE = 0.1 BARG**





1/4" - 28 UNF



SECTION E-E



ACTUAL SIZE

PART NUMBER 12110
DRAWING INLINE CHECK VALVE PEEK
VERSION 2